

## **STIC Biotechnology Systems Branch**

### **RAW SEQUENCE LISTING** **ERROR REPORT**

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: \_\_\_\_\_

Source: \_\_\_\_\_

Date Processed by STIC: \_\_\_\_\_

10/553,906A  
IFW0  
11/08/2006

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE **CHECKER VERSION 4.4.0 PROGRAM**, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

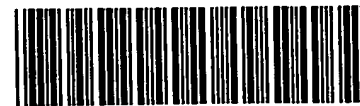
Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05):  
U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street, Alexandria, VA 22314

Revised 01/10/06

## Raw Sequence Listing Error Summary

<u>ERROR DETECTED</u>	<u>SUGGESTED CORRECTION</u>	SERIAL NUMBER: <u>10/533,906A</u>
ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE		
1 <u>    </u> Wrapped Nucleics Wrapped Aminos	The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor <b>after</b> creating it. Please adjust your right margin to .3; this will prevent "wrapping."	
2 <u>    </u> Invalid Line Length	The rules require that a line <b>not exceed</b> 72 characters in length. This includes white spaces.	
3 <u>    </u> Misaligned Amino Numbering	The numbering under each 5 <sup>th</sup> amino acid is misaligned. Do <b>not</b> use tab codes between numbers; use <b>space characters</b> , instead.	
4 <u>    </u> Non-ASCII	The submitted file was <b>not</b> saved in ASCII(DOS) text, as <b>required</b> by the Sequence Rules. <b>Please ensure your subsequent submission is saved in ASCII text.</b>	
5 <u>    </u> Variable Length	Sequence(s) <u>    </u> contain n's or Xaa's representing more than one residue. <b>Per Sequence Rules, each n or Xaa can only represent a single residue.</b> Please present the <b>maximum</b> number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.	
6 <u>    </u> PatentIn 2.0 "bug"	A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) <u>            </u> . Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. <b>This applies to the mandatory &lt;220&gt;-&lt;223&gt; sections for Artificial or Unknown sequences.</b>	
7 <u>    </u> Skipped Sequences (OLD RULES)	Sequence(s) <u>    </u> missing. If intentional, please insert the following lines for <b>each</b> skipped sequence: (2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) (i) <u>    </u> SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading) (xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) This sequence is intentionally skipped Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to <b>include</b> the skipped sequences.	
8 <u>    </u> Skipped Sequences (NEW RULES)	Sequence(s) <u>    </u> missing. If <b>intentional</b> , please insert the following lines for <b>each</b> skipped sequence. <210> sequence id number <400> sequence id number 000	
9 <u>    </u> Use of n's or Xaa's (NEW RULES)	Use of n's and/or Xaa's have been detected in the Sequence Listing. Per 1.823 of Sequence Rules, use of <220>-<223> is <b>MANDATORY</b> if n's or Xaa's are present. In <220> to <223> section, please explain location of <b>n</b> or <b>Xaa</b> , and which residue <b>n</b> or <b>Xaa</b> represents.	
10 <u>    </u> Invalid <213> Response	Per 1.823 of Sequence Rules, the only <b>valid</b> <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is <b>required</b> when <213> response is Unknown or is Artificial Sequence. (see item 11 below)	
11 <u>    </u> Use of <220>	<del>Sequence(s) <u>    </u> missing the &lt;220&gt; "Feature" and associated numeric identifiers and responses. Use of &lt;220&gt; to &lt;223&gt; is MANDATORY if &lt;213&gt; "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in &lt;220&gt; to &lt;223&gt; section or use "chemically synthesized" as explanation. (See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32), also Sec. 1.823 of Sequence Rules</del>	
12 <u>    </u> PatentIn 2.0 "bug"	Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.	
13 <u>    </u> Misuse of n/Xaa	<b>"n" can only represent a single nucleotide; "Xaa" can only represent a single amino acid</b>	



IFWO

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/10/553,906A

DATE: 11/08/2006  
TIME: 13:21:22

Input Set : N:\Cr4\11082006\J533906A.raw  
Output Set: N:\CRF4\11082006\J553906A.raw

1 <110> APPLICANT: Skanemejerier AB  
2 <120> TITLE OF INVENTION: NEW ENZYME AND ITS USE  
3 <130> FILE REFERENCE: 75086  
C--> 4 <140> CURRENT APPLICATION NUMBER: US/10/553,906A  
5 <141> CURRENT FILING DATE: 2006-03-30  
6 <150> PRIOR APPLICATION NUMBER: US 60/320,139  
7 <151> PRIOR FILING DATE: 2003-04-24  
8 <150> PRIOR APPLICATION NUMBER: US 60/481,598  
9 <151> PRIOR FILING DATE: 2003-11-05  
10 <160> NUMBER OF SEQ ID NOS: 18  
11 <170> SOFTWARE: PatentIn version 3.2

On 10/21/05, specification was amended to the title below:  
Human Alkaline Phosphatase and Sphingomyelinase and Use of thereof (Pls correct the title)  
Does Not Comply  
Corrected Diskette Needed  
(pg. 1-5)

## ERRORED SEQUENCES

79 <210> SEQ ID NO: 2  
80 <211> LENGTH: 1701  
81 <212> TYPE: DNA  
82 <213> ORGANISM: Unknown  
83 <220> FEATURE:  
84 <223> OTHER INFORMATION: Unknown  
85 <400> SEQUENCE: 2

E--> 86 gtccatctgg aaggcccagc atgagaggcc cggccgtcct cctcactgtg gctctggcca  
87 60  
E--> 88 cgtctctggc tcccggggcc ggagcaccgg tacaaagtca gggctcccag aacaagctgc  
89 120  
E--> 90 tctgtgtgtc cttcgacggc ttccgctgga actacgacca ggacgtggac accccaacc  
91 180  
E--> 92 tggacgcat ggcccagac ggggtgaagg cagctacat gacccccgcc tttgtcacca  
93 240  
E--> 94 tgaccagccc ctgccacttc accctgggca cgggcaaata tatcgagaac caggggtgg  
95 300  
E--> 96 ttcacaacat gtactacaac accaccagca aggtgaagct gccctaccac gccacgtgg  
97 360  
E--> 98 gcatccagag gtggtgggac aacggcagcg tgcccactct gatcacagcc cagaggcagg  
99 420  
E--> 100 gcctgagggc tggctccttc ttctaccggc gcggaacgt cacctacaa ggggtggctg  
101 480  
E--> 102 tgacggggag ccggaaagaa ggcacgcac acaactacaa aaatgagacg gactggagag  
103 540  
E--> 104 cgaacatga cacagtgatg gcgtgggtca cagaggagga cctggatctg gtcacactct  
105 600  
E--> 106 acttcgggga gccggactcc acgggccaca ggtacggccc cgagtcctcc gagaggagg

If 22137 Responses are Artificial or Unknown, Pls explain the source of genetic material. See 11 on Error Summary sheet

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/10/553,906A

DATE: 11/08/2006  
TIME: 13:21:22

Input Set : N:\Crf4\11082006\J533906A.raw  
Output Set: N:\CRF4\11082006\J553906A.raw

```

107      660
E--> 108      agatgggtgcg gcaggtggac cggaccgtgg gctacctccg ggagagcadc gcgcgcaacc 720
109      720
E--> 110      aactcacaga ccgcctcaac ctgatcatca catccgacca cggcatgacg accgtggaca 780
111      780
E--> 112      aacgggctgg cgacctggtt gaattccaca agttcccca cttcaccttc cgggacatcg 840
113      840
E--> 114      agtttgagct cctggactac ggaccaaacg ggatgctgct ccctaaagaa gggaggctgg 900
115      900
E--> 116      agaaggtgta cgatgccctc aaggacgcc accccaagct ccacgtctac aagaaggagg 960
117      960
E--> 118      agtccccga ggccttccac tacgccaaca accccagggt cacaccctg ctgatgtaca 1020
119      1020
E--> 120      gccaccttgg ctacgtcatc catgggagaa ttaacgtcca gttcaacaat ggggagcacg 1080
121      1080
E--> 122      gcttgacaa caaggacatg gacatgaaga ccatcttccg cgctgtgggc cctagcttca 1140
123      1140
E--> 124      gggcgggcct ggaggtggag ccctttgaga gcgtccacgt gtacgagctc atgtgccggc 1200
125      1200
E--> 126      tactgggcat cgtgcccgag gccaacgatg ggcacctagc tactctgctg cccatgctgc 1260
127      1260
E--> 128      aacagaatc tgctcttccg cctgatgctc tgctggtcgc ggacggacct tgctcccca 1320
129      1320
E--> 130      gcttatccca ggccagaggc tgcatgccac tgtccccggc agcgccaacc cctgcttggc 1380
131      1380
E--> 132      tgttatggtg ctggttaataa gcctgcagcc cagggtccaaa gccccggcg agccggtccc 1440
133      1440
E--> 134      ataaccggcc ccttgcccct gccctgctc ctgctctcc ccttcgggcc cctcctctct 1500
135      1500
E--> 136      gcaaaacccg ctcccgaagc ggcgtgccc tctgcagcca cgcgggggcg cgcgggagtc 1560
137      1560
E--> 138      ttctcgggc gctggaacct gcagaccgg cctcggtcag ctgggagggg cccgccccgg 1620
139      1620
E--> 140      cacaaagcac ccatgggaat aaaggccaag ccgcgacagt cagcaaaaaa aaaaaaaaaa 1680
141      1680
E--> 142      aaaaaaaaaa aaaaaaaaaa a 1701
143      1701
222 <210> SEQ ID NO: 5
223 <211> LENGTH: 1878
224 <212> TYPE: DNA
225 <213> ORGANISM: Unknown
226 <220> FEATURE:
227 <223> OTHER INFORMATION: Unknown
228 <220> FEATURE:
229 <221> NAME/KEY: misc_feature
230 <222> LOCATION: (905)..(905)
231 <223> OTHER INFORMATION: n is a, c, g, or t
232 <400> SEQUENCE: 5
E--> 233      gtccatctgg aaggcccagc atgagaggcc cggccgtcct cctcactgtg gctctggcca 60

```

7 Same Error

## RAW SEQUENCE LISTING

DATE: 11/08/2006

PATENT APPLICATION: US/10/553,906A

TIME: 13:21:22

Input Set : N:\Crf4\11082006\J533906A.raw

Output Set: N:\CRF4\11082006\J553906A.raw

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234      60
E--> 235  cgctcctggc tccccggggcc ggagcaccgg tacaaagtca gggctcccag aacaagctgc
236      120
E--> 237  tcctggtgtc cttcgacggc ttccgctgga actacgacca ggacgtggac acccccaacc
238      180
E--> 239  tggacgccat ggcccgagac ggggtgaagg cacgctacat gacccccgcc tttgtcacca
240      240
E--> 241  tgaccagccc ctgccacttc accctggtca cgggcaaata tatcgagaac cacgggggtgg
242      300
E--> 243  ttcacaacat gtactacaac accaccagca aggtgaagct gccctaccac gccacgctgg
244      360
E--> 245  gcatccagag gtggtgggac aacggcagcg tgcccatctg gatcacagcc cagaggcagg
246      420
E--> 247  gcctgagggc tggctccttc ttctaccggg gcgggaacgt cacctaccaa ggggtggctg
248      480
E--> 249  tgacgcggag ccggaagaa ggcatcgac acaactacaa aaatgagacg gagtggagag
250      540
E--> 251  cgaacatcga cacagtgatg gcgtggttca cagaggagga cctggatctg gtcacactct
252      600
E--> 253  acttcgggga gccggactcc acgggccaca ggtacggccc cgagtccccg gagaggaggg
254      660
E--> 255  agatggtgcg gcaggtggac cggaccgtgg gctacctccg ggagagcatc gcgcgaacc
256      720
E--> 257  acctcacaga ccgcctcaac ctgatcatca catccgacca cggcatgacg accgtggaca
258      780
E--> 259  aacgggctgg cgacctggtt gaattccaca agttcccaa cttcaccttc cgggacatcg
260      840
E--> 261  agtttgagct cctggactac ggaccaaacg ggatgctgct ccctaaagaa gggaggctgg
262      900
E--> 263  agaangtgta cgatgccctc aaggacgccc accccaagct ccacgtctac aagaaggagg
264      960
E--> 265  cgttccccga ggccttcac tacgccaaca accccagggt cacaccctg ctgatgtaca
266      1020
E--> 267  gcgaccttgg ctacgtcatc catgggagaa ttaacgtcca gttcaacaat ggggagcacg
268      1080
E--> 269  gctttgacaa caaggacatg gacatgaaga ccatcttccg cgctgtgggc cctagcttca
270      1140
E--> 271  gggcgggcct ggaggtggag ccctttgaga gcgtccacgt gtacgagctc atgtgccggc
272      1200
E--> 273  tgctgggcat cgtgcccag gccaacgatg ggcacctagc tactctgctg cccatgctgc
274      1260
E--> 275  acacagaatc tgctcttccg cctgatggaa ggcctactct cctgcccag ggaagatctg
276      1320
E--> 277  ctctccccgc cagcagcagg cccctcctcg tgatgggact gctggggacc gtgattcttc
278      1380
E--> 279  tgtctgaggt cgcataacgc cccatggctc aaggaagccg ccgggagctg cccgcaggcc
280      1440
E--> 281  ctgggccggc tgtctcgctg cgatgctctg ctggtcggg acggaccctg cctccccagc
282      1500

```

Same Ex

## RAW SEQUENCE LISTING

DATE: 11/08/2006

PATENT APPLICATION: US/10/553,906A

TIME: 13:21:22

Input Set : N:\Crf4\11082006\J533906A.raw

Output Set: N:\CRF4\11082006\J533906A.raw

```

E--> 283      ttatcccagg ccagaggctg catgccactg tccccggcag cgccaacccc tgcttggtg
      284      1560
E--> 285      ttatggtgct ggtaataagc ctgcagcccc aggtccagag cccccggcga gccggtccca
      286      1620
E--> 287      taaccggccc cctgcccctg cccctgctcc tgctcctccc ctteggggccc cctcctcctg
      288      1680
E--> 289      caaaaacccgc tcccgaagcg gcgctgccgt ctgcagccac ggggggggcgc gggggagctc
      290      1740
E--> 291      tgccgggcgt ggaacctgca gaccgggcct cggtcagctg ggagggggccc gccccggcac
      292      1800
E--> 293      aaagcaccca tgggaataaaa ggccaagccg cgacagtcag caaaaaaaaa aaaaaaaaaa
      294      1860
E--> 295      aaaaaaaaaa aaaaaaaaaa
      296      1878
      388 <210> SEQ ID NO: 10
      389 <211> LENGTH: 27
      390 <212> TYPE: DNA
      391 <213> ORGANISM: Unknown
      392 <220> FEATURE:
      393 <223> OTHER INFORMATION: Unknown
      394 <400> SEQUENCE: 10
E--> 395      ggcccagcat gagaggcccg gccgtcc
      396      27
      398 <210> SEQ ID NO: 11
      399 <211> LENGTH: 27
      400 <212> TYPE: DNA
      401 <213> ORGANISM: Unknown
      402 <220> FEATURE:
      403 <223> OTHER INFORMATION: Unknown
      404 <400> SEQUENCE: 11
E--> 405      ggacggcccg gcctctcatg ctggggc
      406      27
      408 <210> SEQ ID NO: 12
      409 <211> LENGTH: 20
      410 <212> TYPE: DNA
      411 <213> ORGANISM: Unknown
      412 <220> FEATURE:
      413 <223> OTHER INFORMATION: Unknown
      414 <400> SEQUENCE: 12
E--> 415      taatacgact cactataggg
      416      20
      418 <210> SEQ ID NO: 13
      419 <211> LENGTH: 18
      420 <212> TYPE: DNA
      421 <213> ORGANISM: Unknown
      422 <220> FEATURE:
      423 <223> OTHER INFORMATION: Unknown
      424 <400> SEQUENCE: 13
E--> 425      tccgagatct ggacgagc

```

1560  
 } Same Error

Same Error

## RAW SEQUENCE LISTING

DATE: 11/08/2006

PATENT APPLICATION: US/10/553,906A

TIME: 13:21:22

Input Set : N:\Cr4\11082006\J533906A.raw

Output Set: N:\CRF4\11082006\J553906A.raw

426 18  
428 <210> SEQ ID NO: 14  
429 <211> LENGTH: 40  
430 <212> TYPE: DNA  
431 <213> ORGANISM: Unknown  
432 <220> FEATURE:  
433 <223> OTHER INFORMATION: Unknown  
434 <400> SEQUENCE: 14  
E--> 435 ggcccgagac ggggtgaagg cacgctacat gacccccgcc  
436 40  
438 <210> SEQ ID NO: 15  
439 <211> LENGTH: 23  
440 <212> TYPE: DNA  
441 <213> ORGANISM: Unknown  
442 <220> FEATURE:  
443 <223> OTHER INFORMATION: Unknown  
444 <400> SEQUENCE: 15  
E--> 445 tggcccgtgg agtccggctc ccc  
446 23  
458 <210> SEQ ID NO: 17  
459 <211> LENGTH: 31  
460 <212> TYPE: DNA  
461 <213> ORGANISM: Unknown  
462 <220> FEATURE:  
463 <223> OTHER INFORMATION: Unknown  
464 <400> SEQUENCE: 17  
E--> 465 atggatccat gagaggcccg gccgtcctcc t  
466 31  
468 <210> SEQ ID NO: 18  
469 <211> LENGTH: 31  
470 <212> TYPE: DNA  
471 <213> ORGANISM: Unknown  
472 <220> FEATURE:  
473 <223> OTHER INFORMATION: Unknown  
474 <400> SEQUENCE: 18  
E--> 475 acgtcgactt accagcacca taacagccaa g  
476 31  
E--> 477 1

*Same Error**Pls delete*

## VERIFICATION SUMMARY

DATE: 11/08/2006

PATENT APPLICATION: US/10/553,906A

TIME: 13:21:23

Input Set : N:\CrF4\11082006\J533906A.raw

Output Set: N:\CRF4\11082006\J553906A.raw

L:4 M:270 C: Current Application Number differs, Replaced Current Application Number  
L:86 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:60 SEQ:2  
L:88 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:120 SEQ:2  
L:90 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:180 SEQ:2  
L:92 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:240 SEQ:2  
L:94 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:300 SEQ:2  
L:96 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:360 SEQ:2  
L:98 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:420 SEQ:2  
L:100 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:480 SEQ:2  
L:102 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:540 SEQ:2  
L:104 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:600 SEQ:2  
L:106 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:660 SEQ:2  
L:108 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:720 SEQ:2  
L:110 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:780 SEQ:2  
L:112 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:840 SEQ:2  
L:114 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:900 SEQ:2  
L:116 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:960 SEQ:2  
L:118 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:1020 SEQ:2  
L:120 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:1080 SEQ:2  
L:122 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:1140 SEQ:2  
L:124 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:1200 SEQ:2  
L:126 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:1260 SEQ:2  
L:128 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:1320 SEQ:2  
L:130 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:1380 SEQ:2  
L:132 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:1440 SEQ:2  
L:134 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:1500 SEQ:2  
L:136 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:1560 SEQ:2  
L:138 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:1620 SEQ:2  
L:140 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:1680 SEQ:2  
L:142 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:1701 SEQ:2  
L:233 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:60 SEQ:5  
L:235 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:120 SEQ:5  
L:237 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:180 SEQ:5  
L:239 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:240 SEQ:5  
L:241 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:300 SEQ:5  
L:243 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:360 SEQ:5  
L:245 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:420 SEQ:5  
L:247 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:480 SEQ:5  
L:249 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:540 SEQ:5  
L:251 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:600 SEQ:5  
L:253 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:660 SEQ:5  
L:255 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:720 SEQ:5  
L:257 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:780 SEQ:5  
L:259 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:840 SEQ:5  
L:261 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:900 SEQ:5  
L:263 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:900  
L:263 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:960 SEQ:5  
L:265 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:1020 SEQ:5

## VERIFICATION SUMMARY

DATE: 11/08/2006

PATENT APPLICATION: US/10/553,906A

TIME: 13:21:23

Input Set : N:\Crf4\11082006\J533906A.raw

Output Set: N:\CRF4\11082006\J553906A.raw

L:267 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:1080 SEQ:5  
L:269 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:1140 SEQ:5  
L:271 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:1200 SEQ:5  
L:273 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:1260 SEQ:5  
L:275 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:1320 SEQ:5  
L:277 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:1380 SEQ:5  
L:279 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:1440 SEQ:5  
L:281 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:1500 SEQ:5  
L:283 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:1560 SEQ:5  
L:285 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:1620 SEQ:5  
L:287 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:1680 SEQ:5  
L:289 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:1740 SEQ:5  
L:291 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:1800 SEQ:5  
L:293 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:1860 SEQ:5  
L:295 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:1878 SEQ:5  
L:395 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:27 SEQ:10  
L:405 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:27 SEQ:11  
L:415 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:20 SEQ:12  
L:425 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:18 SEQ:13  
L:435 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:40 SEQ:14  
L:445 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:23 SEQ:15  
L:465 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:31 SEQ:17  
L:475 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:31 SEQ:18  
L:477 M:254 E: No. of Bases conflict, this line has no nucleotides.